

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of <b>BOAZ CARMELI, et al.</b>	: Before the Examiner:
Serial No:	:
Filed:	: Group Art Unit:
Title: <b>LIVENESS MONITORING IN A PUBLISH/SUBSCRIBE MESSAGING SYSTEM</b>	: Intellectual Property Law Department
	: International Business Machines Corp.
	: 11400 Burnet Road
	: Austin, Texas 78758

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Mail Stop: Patent Applications  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows. Consideration of the claims is respectfully requested.